

UTAH DIVISION OF OIL, GAS AND MINING

REMARKS: WELL LOG _____ ELECTRIC LOGS ☒ FILE ☒ WATER SANDS _____ LOCATION INSPECTED _____ SUB. REPORT/ABD. _____

* Location Abandoned- Well never drilled- 5-5-82

DATE FILED 1-13-81

LAND: FEE & PATENTED

STATE LEASE NO.

PUBLIC LEASE NO. U-38415

INDIAN

DRILLING APPROVED: 1-29-81

SPUDDED IN:

COMPLETED:

PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED: LA 5-5-82

FIELD: ~~Wildcat~~ 3/86 Undesignated

UNIT:

COUNTY: Uintah

WELL NO. White River Federal #2-10

API NO: 43-047-30845

LOCATION 1854' FT. FROM (N) (S) LINE.

513' FT. FROM (E) (W) LINE.

NE SE 1/4-1/4 SEC. 10

TWP.

RGE.

SEC.

OPERATOR

TWP.

RGE.

SEC.

OPERATOR

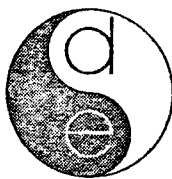
8S-

22E

10

SNYDER OIL COMPANY

energy drilling specialists, inc.



821 17th st. suite 406
denver, colorado 80202
(303) 573-7011

5000 lakeshore drive
littleton, colorado 80123
(303) 795-7665

January 13, 1981

RECEIVED

JAN 16 1981

DIVISION OF
OIL, GAS & MINING

United States Geological Survey
1745 W. 1700 South, Suite 2000
Salt Lake City, UT 84104

Attn: Edgar W. Guynn

Re: Snyder Oil Company
Uintah County, Utah

Gentlemen:

Please find enclosed Application for Permit to Drill, Ten Point Program and Multipoint Surface Use and Operation Plan for the following wells:

Baser Draw Federal 2-31
Sec.31-T6S-R22E

West Walker Federal 1-4
Sec.4-T7S-R22E

White River Federal 2-10 ✓
Sec.10-T8S-R22E

These wells are to be drilled, dependent on rig availability, sometime during the first of the year.

If you have any questions concerning these wells, please contact us. Thank you for your cooperation in this matter.

Very truly yours,

ENERGY DRILLING SPECIALISTS, INC.


JOHN S. MCCATHARN

JSM/pap

Enclosures

cc: Snyder Oil Company
Division of Oil, Gas & Mining-Salt Lake City ✓

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-38415	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Snyder Oil Company		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 5000 Plaza-7th Floor, 1800 Glenarm Place, Denver, CO 80202		8. FARM OR LEASE NAME White River Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 513' FEL 1854' FSL Sec. 10-T8S-R22E At proposed prod. zone Same as above		9. WELL NO. 2-10	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 16.5 miles east of Ouray		10. FIELD AND POOL OR WELDCAT Wildcat Development	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 513'		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Sec. 10-T8S-R22E	
16. NO. OF ACRES IN LEASE 117.21		12. COUNTY OR PARISH 13. STATE Uintah Utah	
17. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None		13. STATE Utah	
18. PROPOSED DEPTH 6237'		14. NO. OF ACRES ASSIGNED TO THIS WELL 80	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4913 GR		20. ROTARY OR CABLE TOOLS Rotary	
22. APPROX. DATE WORK WILL START* April 10, 1981			

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24#	200	Sufficient to reach surface
7 7/8	5 1/2	15.5	6200	Depends on productive zones but will be at least 200' above uppermost hydrocarbon bearing zone.

SEE ATTACHED:

- 1) Ten Point Program
- 2) Multipoint Surface Use and Operation Plan

APPROVED BY THE DIVISION
OF OIL, GAS, AND MINING

DATE: 1-27-81

BY: M. J. Minder

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

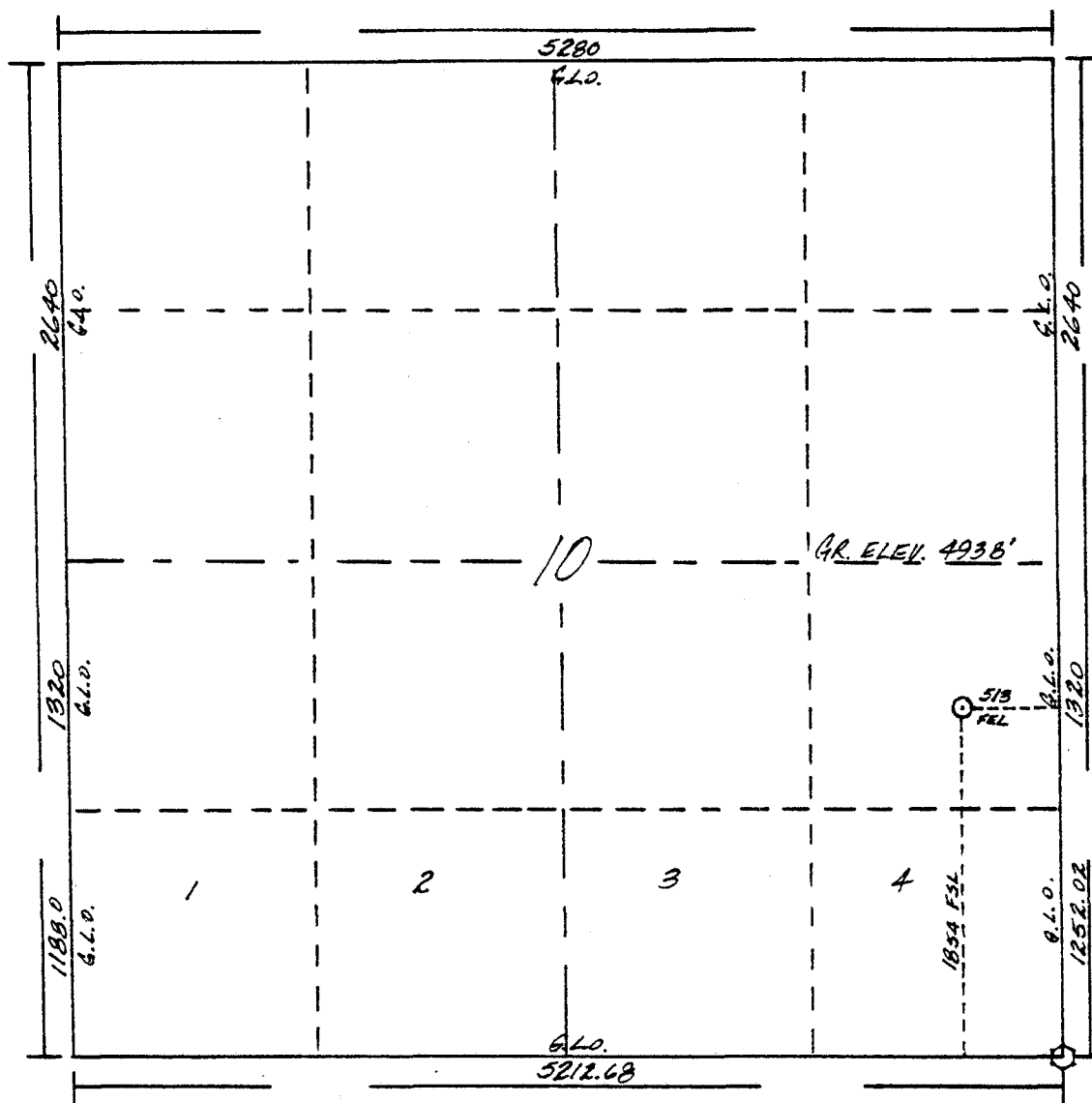
24. SIGNED John McCollum TITLE Agent DATE January 13, 1981
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:



R. 22 E.

T.
8
S.

Scale 1" = 1000'

Powers Elevation Company, Inc. of Denver, Colorado
has in accordance with a request from John McCatharn
for SNYDER OIL COMPANY
determined the location of #2-10 WHITE RIVER FEDERAL
to be 1854' FSL & 513' FEL of Section 10 Township 8 S.
Range 22 E. of the Salt Lake Base and Meridian
Uintah County, Utah

NE SE

I hereby certify that this plat is an
accurate representation of a correct
survey showing the location of

#2-10 WHITE RIVER FEDERAL

Date: 12-27-80

Warren D. Dickson
Licensed Land Surveyor No. 4189
State of Utah

U. S. GEOLOGICAL SURVEY - CONSERVATION DIVISION

FROM: : DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH
TO : DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH
SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U - 38415OPERATOR: Snyder Oil Co. WELL NO. 2-10LOCATION: C NE $\frac{1}{2}$ SE $\frac{1}{2}$ sec. 10, T. 8 S., R. 22 E., SLM
Uintah County, Utah

1. Stratigraphy:

Uintah	surface
Green River	2205'
"H" Horizon	4520'
middle "K" sand	5250'
"L" Sand	5425'
"M" sand	5465'
Wasatch	5510'
<u>TD</u>	<u>6240'</u>

2. Fresh Water:

Fresh water may occur in the Uintah.

3. Leasable Minerals:

Oil shale in the Green River. The Mahogany should occur at ~3700'. Saline minerals may occur in the 800' rock interval immediately overlying the Mahogany.

4. Additional Logs Needed: Adequate5. Potential Geologic Hazards: None expected

6. References and Remarks:

Signature: Gregory W. WoodDate: 2-14-81

Identification CER/EA No. 244-81

United States Department of the Interior
Geological Survey
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Snyder Oil Company
Project Type Oil Well Drilling
Project Location 513' FEL 1854' FSL Section 10, T. 8S, R. 22E
Well No. 2-10 Lease No. U-38415
Date Project Submitted January 16, 1981

FIELD INSPECTION Date February 24, 1981

Field Inspection
Participants

<u>Greg Darlington</u>	<u>USGS, Vernal</u>
<u>Cory Bodman</u>	<u>BLM, Vernal</u>
<u>John McCatharn</u>	<u>Snyder Oil Company</u>
<u>Earl Cady</u>	<u>Ross Construction</u>

Related Environmental Documents: Unit Resource Analysis, Bonanza Planning
Unit, BLM, Vernal

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

March 6, 1981
Date Prepared

Gregory Darlington
Environmental Scientist

I concur

3/9/81
Date

Ed Snyman
District Supervisor

Typing In 3-6-81 Typing Out 3-6-81

PROPOSED ACTION:

Snyder Oil Company proposes to drill the #2-10 well, a 6237' oil and gas test of the Green River and Wasatch Formations. The access road begins at an existing Belco well and proceeds for .4 miles of new construction before tying into an old jeep trail for an additional .4 miles to the wellsite. These roads would be upgraded to an 18' crown road with any required drainage ditches on either side as deemed necessary to handle runoff. The pad which was rotated 135° at the onsite, would be included on this pad. Existing drainages would be suitably *about 200 feet by 300 feet. The reserve pit would be* diverted around the pad.

RECOMMENDED APPROVAL CONDITONS:

The operator agrees to the following conditons in addition to the plans outlined in the APD and promises to adhere to them:

1. BLM Stipulations
2. Lease Stipulations
3. Provide adequate logs of other valuable minerals as requested by the Mineral Evaluation Report and Mining Report.
4. Consult with the lessees of lease U-43918 concerning beginning the access road at the pad of an existing well.

FIELD NOTES SHEET

Date of Field Inspection: February 24

Well No.: 2-10

Lease No.: U-38415

Approve Location: ✓ rotated 135°

Approve Access Road: ✓ shortened 300ft entered pad at different angle.

Modify Location or Access Road: Rotated 135°, changed pad entry
Pit situated different at the rig with pit and pad rotated 135°.
Well site in the same place.

Evaluation of Criteria for Categorical Exclusion

1. Public Health and Safety
2. Unique Characteristics
3. Environmentally Controversial Items
4. Uncertain and Unknown Risks
5. Establishes Precedents
6. Cumulatively Significant
7. National Register Historic Places
8. Endangered/Threatened Species
9. Violate Federal, State, Local, or Tribal Laws

If this project is not eligible for Categorical Exclusion circle the numbers of the above criteria requiring the preparation of an EA.

Comments and special conditions of approval discussed at onsite: (include local topography)

PTS is unit operator, considerable access road .7-.8 mile
one half of that on an existing jeep trail.

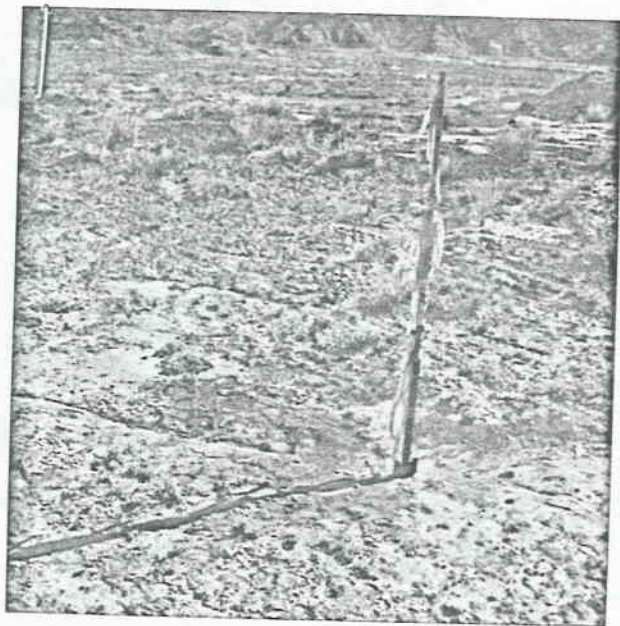
Pad rotation would reduce cuts and fills and shorten
access road by 300 feet and allow diversion of an
existing drainage. At least one culvert will be required
along the access road, that one being near the pad entrance.

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

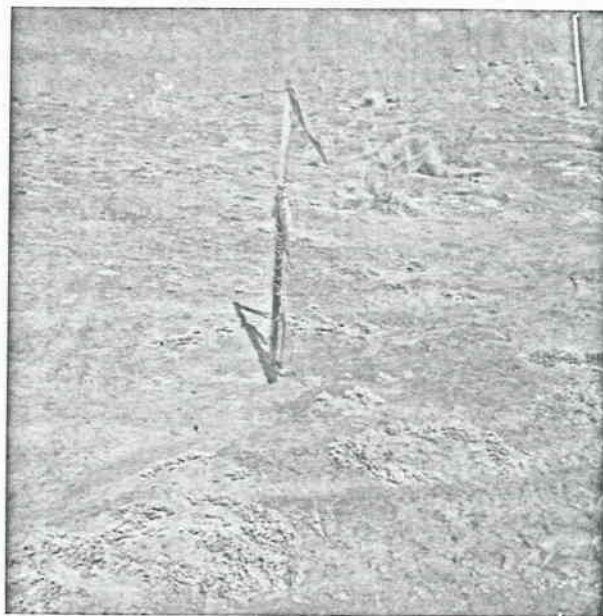
Criteria 516 DM 2.3.A	Federal/State Agency			Local and private corre- spondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Corre- spondence (date)	Phone check (date)	Meeting (date)						
1. Public health and safety							1, 2, 4, 6	2-24-81	
2. Unique charac- teristics							1, 2, 4, 6	2-24	
3. Environmentally controversial							1, 2, 4, 6	2-24	
4. Uncertain and unknown risks							1, 2, 4, 6	2-24	
5. Establishes precedents							1, 2, 4, 6	2-24	
6. Cumulatively significant							1, 2, 4, 6	2-24	
7. National Register historic places							1, 6	2-24	
8. Endangered/ threatened species							1, 6	2-24	
9. Violate Federal, State, local, tribal law							1, 2, 4, 6	2-24	

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey (Conservation Division, Geological Division, Water Resource Division, Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement
8. USGS conditions of approval.



| Southeast View 2-10
Snyder



North View of
Snyder 2-10



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

VERNAL DISTRICT OFFICE

170 South 500 East

Vernal, Utah 84078

IN REPLY REFER TO

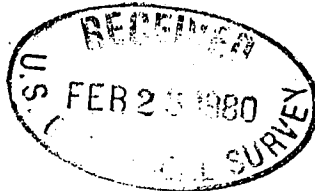
T & R

U-802

February 25, 1981

Ed Guynn, District Engineer
USGS, Conservation Division
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

Re: Snyder Oil Company
Well #2-31 Sec 31, T6S, R33E
Well #1-4 Sec 4, T7S, R22E
Well #2-10 Sec 10, T8S, R22E
Uintah County, Utah



Dear Mr. Guynn:

A joint examination was made on February 24, 1981, of the above referenced well site locations and proposed access roads. We feel that the surface use and operating plans are adequate with the following stipulations:

1. Construction and maintenance of roads, rehabilitation of disturbed areas, and construction of pipeline routes, shall be in accordance with surface use standards as set forth in the brochure, "Surface Operating Standards for Oil and Gas Exploration and Development."
2. Traveling off access road rights-of-way will not be allowed. The maximum width of access road (both existing and planned) will be 30 feet total disturbed area, except where backslopes and fills require additional area. Turnouts will not be required.
3. It was agreed upon by all parties present that the applied for pad sizes are of adequate size to handle all drilling and fracturing operations.
4. The BLM must be contacted at least 24 hours prior to any construction activities.
5. The BLM will be contacted at least 24 hours prior to any rehabilitation activities. The operator may be informed of any additional needed seeding and restoration requirements.
6. Burn pits will not be constructed. There will be no burning or burying of trash or garbage at the well sites. Refuse must be contained and hauled to an approved disposal site.



7. A wire mesh or net type of fence, topped with at least one strand of barbed wire, will be used around the reserve pits.
8. The length of all pads were reduced by 25 feet between points "AA" and "BB" and elongated by 25 feet between points "CC" and "BB".

Site Specific
Well #1-4

The top 4 inches of top soil will be gathered and stored between reference points "AA" and "BB".

Well #2-31

The top 6-8 inches of top soil will be collected and stockpiled near corner "C".

Well #2-10

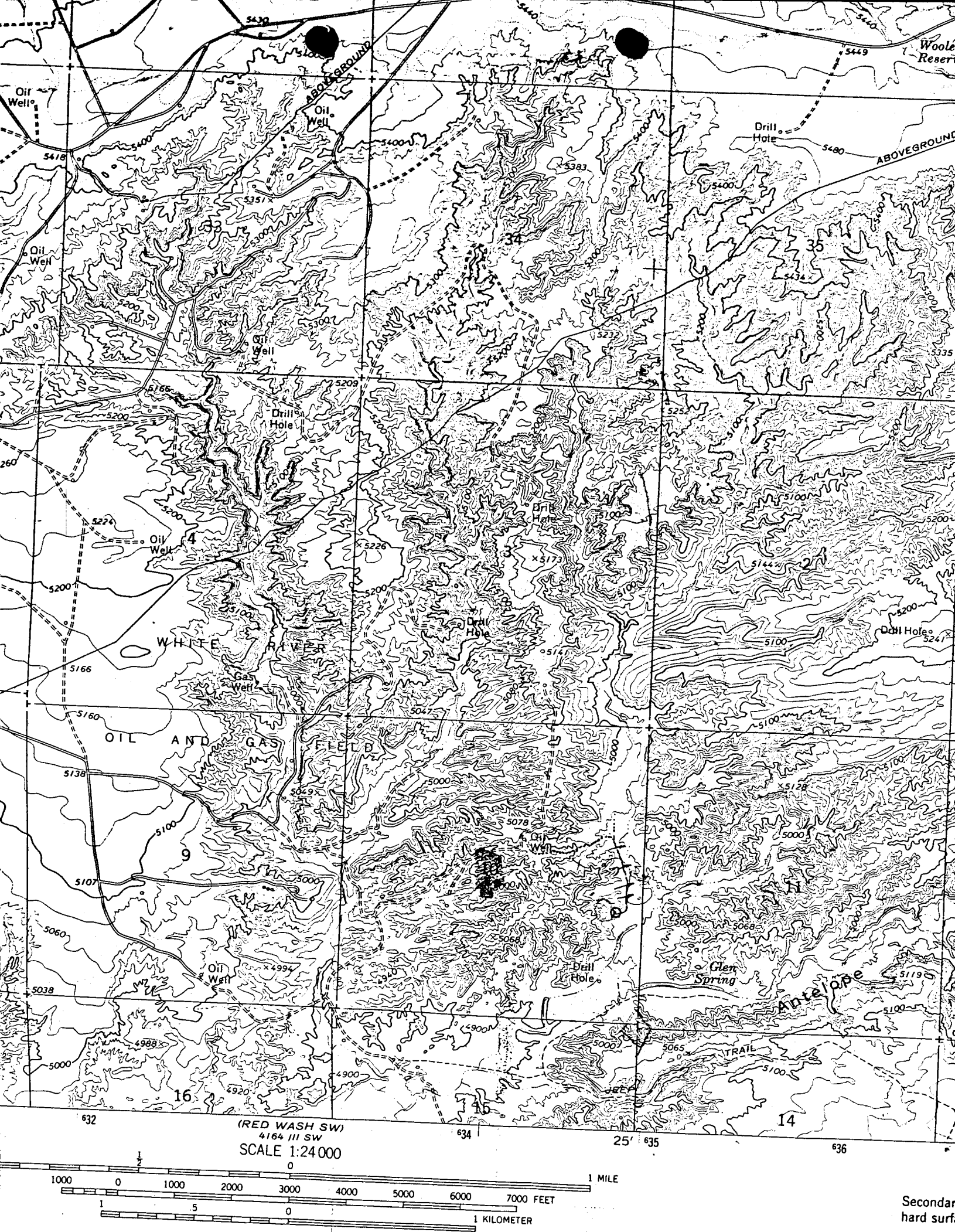
1. The pad was rotated 135°.
2. The lining of the pit will be determined by the dirt contractor after the reserve pits have been constructed.
3. This site is located in a "Badlands" range site. Negligible amounts of topsoil is found in this type range site; thus no top soil will be collected at this location.
4. As soon after as possible after the well is producing those portions of the reserve pits that are not needed will have their fluids removed and be backfilled.

Cultural resource reports were done by the Powers Elevation company. No cultural materials were observed. The proposed activities do not jeopardize listed, threatened or endangered flora/fauna or their habitats. The BLM representative will be Cory Bodman, 789-1362.

Sincerely,

Cory E Bodman
for Dean L. Evans
Area Manager
Bookcliffs Resource Area

cc: USGS, Vernal



Secondary
hard surf

TEN POINT PROGRAM1) GEOLOGIC SURFACE FORMATIONThe surface formation is Uinta2 & 3) GEOLOGIC MARKERS AND PRODUCTIVE INTERVALS

<u>Formation</u>	<u>Estimated Top</u>	<u>Subsea</u>	<u>Possible Production</u>
Uinta Sands	1332	+ 3620	
Green River	2207	+ 2745	
Parachute Creek	4267	+ 685	H
"H" Horizon	4522	+ 430	
Basal "H" Sand	4727	+ 225	
Middle "K" Sand	5250	- 298	
"L" Sand	5427	- 475	
"M" Sand	5467	- 515	
Wasatch	5512	- 560	H
TD	6237	- 1285	

W = water H = Hydrocarbon (oil or gas) C = Coal S = Steam

4) CASING PROGRAM

<u>Hole Size</u>	<u>Casing Size</u>	<u>Grade</u>	<u>Weight</u>	<u>Thrd & Cond</u>	<u>Depth</u>
12 1/4"	8 5/8"	K-55	24#	STC	200'
7 7/8"	5 1/2"	K-55	15.5#	STC	6200'

5) CONTROL EQUIPMENT SPECIFICATIONS

As checked below the following equipment will be utilized for detection and control during the drilling operation.

BLOW OUT PREVENTORSSize 10" Pressure Rating 3000 psiPipe Rams 4 1/2" Blind Rams yes Pipe Rams noAnnular Preventor No

Rotating Head NO

Kill Line Size 2" x 3000 PSI Valves 2" x 3000 PSI Check 2" x 3000 PSI

MANIFOLD

Size 2" Valves 2" Pressure 3000 PSI

Positive Choke Yes Adjustable Choke Yes

Hydraulic Choke No

Power Operated Valve No

See Exhibit I attaced for additional detail BOP Equipment will be installed prior to drilling below 8 5/8" casing, BOP's and casing will be tested to 1000 PSI using rig pump.

6) DRILLING FLUIDS

<u>Interval</u>	<u>Type Fluid</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>	<u>Remarks</u>
0-200'	Gel-lime	9.0	35-40	N/C	
200-TD	Low Solids Non dispersed	8.6 - 9.0	27-29	12-15	

Possible Sub Normal Pressured Zones Green River

Possible Abnormal Pressured Zones None

7) AUXILIARY EQUIPMENT

Upper Kelly Cock Yes

Lower Kelly Cock No

Floor Valve DP Yes

Floor Valve DC Yes

Float in DC Per contractor specifications

Inside BOP (Dart Valve) No

ADDITIONAL DETECTION EQUIPMENT & SERVICE

Mud Logging Unit 2 man unit from 2000' to TD
Pit Volume Totalizer No
Flow Line Sensor No
Flow Line Temperature No
Sour Gas Detector No
Pump Stroke Counter No
Degasser No
Mud Gas Separator No
Drilling Data Unit No
Other None

8) EVALUATION

A) Testing

All significant hydrocarbon shows will be tested. There could be as many as 5 DST's.

B) Logging

<u>Depth</u>	<u>Electric Wireline Logs:</u>	<u>Interval</u>
6200'	DIL/GR, FDC/CNL, BHC Sonic/Caliper	200'-6200'

C) Coring


<u>Formation</u>	<u>Type Core</u>	<u>Analysis</u>
None		

9) DRILLING HAZARDS

None expected

10) STARTING DATE April 10, 1981 DURATION 23 DAYS

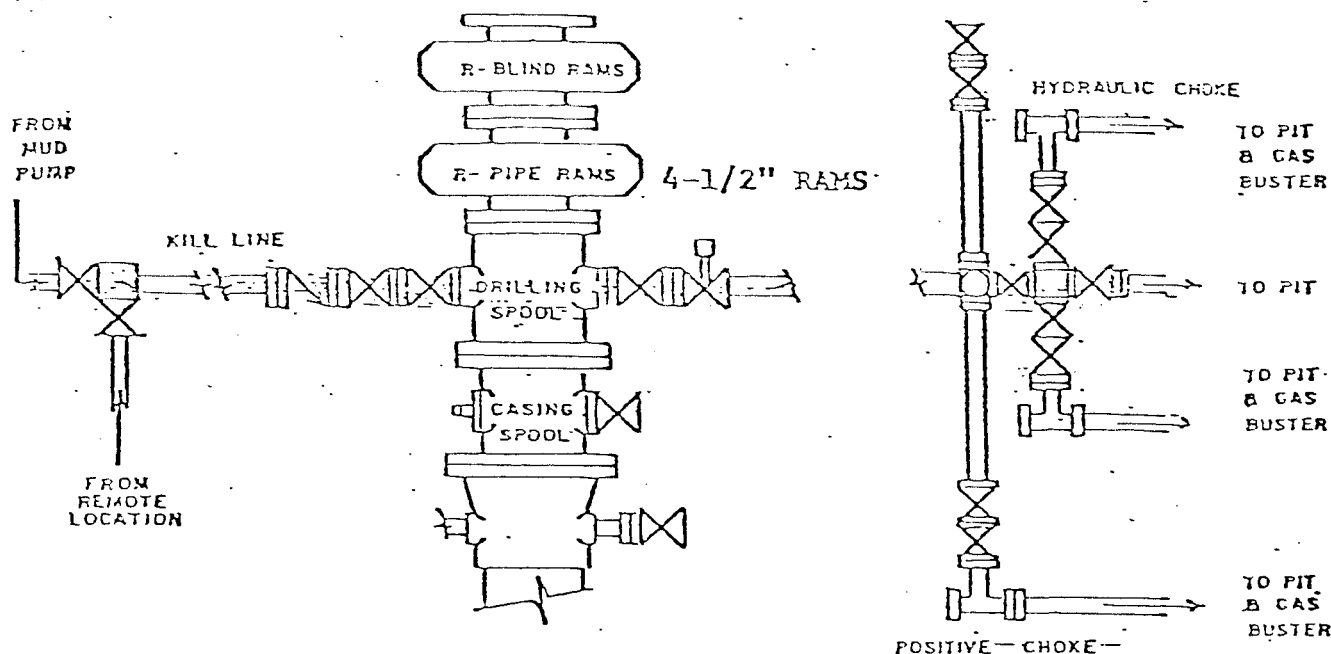
DRILLING PROGRAM PREPARED BY ENERGY DRILLING SPECIALISTS, INC.


JOHN S. McCATHARN- Engineer

(EXHIBIT 1)

3000 psi

psi Working Pressure BOP's



Note: Pipe rams to be operated daily. Blind rams to be operated each trip.

Test Procedure

- 1) Flush BOP's and all lines to be tested with water.
- 2) Run test plug on test joint and seat in casing head (leave valve below test plug open to check for leak).
- 3) Test the following to rated pressure:
 - a) inside blowout preventer
 - b) lower kelly cock
 - c) upper kelly cock
 - d) stand pipe valve
 - e) lines to mud pump
 - f) kill line to BOP's
- 4) Close and test pipe rams to rated pressure.
- 5) Close and test Hydril to rated pressure.
- 6) Back off and leave test plug in place. Close and test blind rams to rated pressure.
- 7) Test all choke manifold valves to rated pressure.
- 8) Test kill line valves to rated pressure.

MULTIPOINT SURFACE USE AND OPERATION PLAN

SNYDER OIL COMPANY

WHITE RIVER FEDERAL 2-10

SECTION 10, T8S-R22E

UINTAH COUNTY, UTAH

1) EXISTING ROADS

See attached topographic maps A & B. Directions are go south from Ouray and cross Green River. Turn left and travel 17.0 miles into the location. The last .4 miles of road will have to be constructed.

The roads required for access during the drilling completion and production phases of this well will be maintained and improved at the standards required by the BLM or other controlling agencies.

Onsite inspection field comments:

2) PLANNED ACCESS ROAD

See attached topographic map B. It will be necessary to construct approximately .7 miles of new road to connect the existing road with the proposed location. Construction of the new road will meet the following standards:

Maximum grade should not exceed 7% (7' per 100). The trail will be an 18" crown road (9' on either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run off from any normal meteorological conditions that are prevalent to this area.

Back slopes along the cut areas of the road will be $1\frac{1}{2}$ to 1 slopes and terraced.

The road will be centerline flagged prior to the commencement of construction.

No major cuts or fills appear necessary. Four culverts may be needed, for the dry wash crossings on the new road to be built (See Topo Map B).

The grade of this road will be constructed from native borrow accumulated during construction.

Any fences that are encountered along this access road will be cut and replaced with a cattleguard with a minimum width of 18' and a loading factor large enough to facilitate the heavy trucks required in the drilling production of this well.

If cattleguards are to be located at existing gates, they will be installed with the above requirements with a new gate installed at one end of the cattleguard.

If deemed necessary by the local governmental agencies or their representatives turnouts will be installed for safety purposes every 0.25 miles or on top of the ridges that will provide the greatest sight distance. These turnouts will be 200' in length and 12' in width and will be tapered from the shoulder of the road for a distance of 50' in length at both the access end and the outlet end.

Onsite Inspection Field Comments:

3) LOCATION OF EXISTING WELLS

Within a two mile radius the following wells are identified by category and listed below:

- 1) Water wells - none
- 2) Abandoned wells - See attached Map C.
- 3) Temporarily abandoned wells - none known
- 4) Disposal wells - none
- 5) Drilling wells - Federal 1-10, SWSE Sec.10-T8S-R22E
this general area is currently active.
- 6) Producing wells - numerous, see attached Map C.
- 7) Shut in wells - none known
- 8) Injection wells - none known
- 9) Monitoring or observation wells - none

Onsite Inspection Field Comments:

4) LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES AND PRODUCTION GATHERING AND SERVICE LINES

At the present time, there are no Snyder Oil Company batteries, production facilities, oil gathering lines, gas gathering lines, injection or disposal lines within a two mile radius.

In the event that production of this well is established, then the existing area of the location will be utilized for the establishment of the necessary production facilities.

This area will be built, if possible, with the native materials and if these materials are not available, then the necessary arrangements will be made to get them from private sources.

The total area that is needed for the production of this well will be fenced and cattleguards will be utilized for access to these facilities.

The rehabilitation of the disturbed area that is not required for the production of this well, will meet the requirements of Items #7 and #10 and these requirements and standards will be adhered to.

If production facilities are necessary,
a sundry notice will be filed
prior to installation describing the equipment.

Onsite Inspection Field Comments:

5) LOCATION AND TYPE OF WATER SUPPLY

Water will be hauled from the White River. The distance of this haul will be 15.5 miles.

The existing roads and proposed roads previously noted will be all that are needed. No water well will be drilled for this operation.

Onsite Inspection Field Comments:

6) SOURCE OF CONSTRUCTION MATERIALS

All construction materials for this location site and access road shall be borrow materials accumulated during construction of the location site and access road. No additional road gravels or pit lining material from other sources are anticipated at this time, but if they are required the appropriate actions will be taken to acquire them from private sources.

7) METHODS FOR HANDLING WASTE DISPOSAL

See Location Layout Sheet. A reserve and burn pit will be constructed.

The reserve pit will be approximately 10' deep and at least one half of this depth shall be below the surface of the existing ground.

One half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one half will be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemicals. A test tank will be used to contain produced fluids.

If deemed necessary by the agencies concerned, to prevent contamination to surrounding areas, the reserve pits will be lined with a gel.

The pits will have wire and overhead flagging installed at such time as deemed necessary to protect the water fowl, wildlife, domestic animals.

On the onset of drilling, this reserve pit will be fenced on three sides and at the time the drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and reclamation activities are attempted.

When the reserve pit dries and the reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements in Item #10 will be followed.

The burn pit will be completely enclosed on all four sides with a small mesh wire to prevent any flammable materials from escaping and creating a fire hazard.

All flammable materials will be burned and then buried upon completion of this well.

A portable chemical toilet will be supplied for human waste.

8) ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9) WELL SITE LAYOUT

See attached Location Layout Sheet. The B.L.M. District Manager shall be notified before any construction begins on the proposed location site.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area. Then the pits will be lined with a gel and any other type material necessary to make it safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

10) PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See location layout sheet and Item #9). When a drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area.

Any drainages re-routed during the construction activities shall be restored to their original line of flow as near as possible. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash pit shall be buried with a minimum of 5' of cover.

As mentioned in Item #7, the reserve pit will be completely fenced and wired and overhead wire and flagging installed, if there is oil in the pits, and then allowed to completely dry before covering.

Restoration activities shall begin as soon as possible after the reserve pit has dried up, and will be completed without undue delay.

When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.L.M. when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said cleanup and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

11) OTHER INFORMATION

The drillsite is located in an area of moderate slope (see cross section). The Surface is the Uinta formation, light brown sandy clay with sparse sagebrush cover. There are no trees on the proposed location.

General use of the surface is grazing. The new road and location are federally owned.

An archeological report will be filed on this prospect under separate cover.

The closest water is located in the White River.

Onsite inspection field comments:

12) LESSEE'S OR OPERATOR'S REPRESENTATIVE

Paul Gayer
Snyder Oil Company
SOCO Plaza - 7th Floor
1800 Glenarm Place
Denver, CO 80202

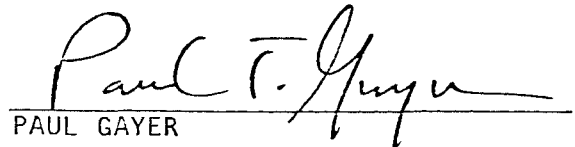
Telephone - 303-620-8400

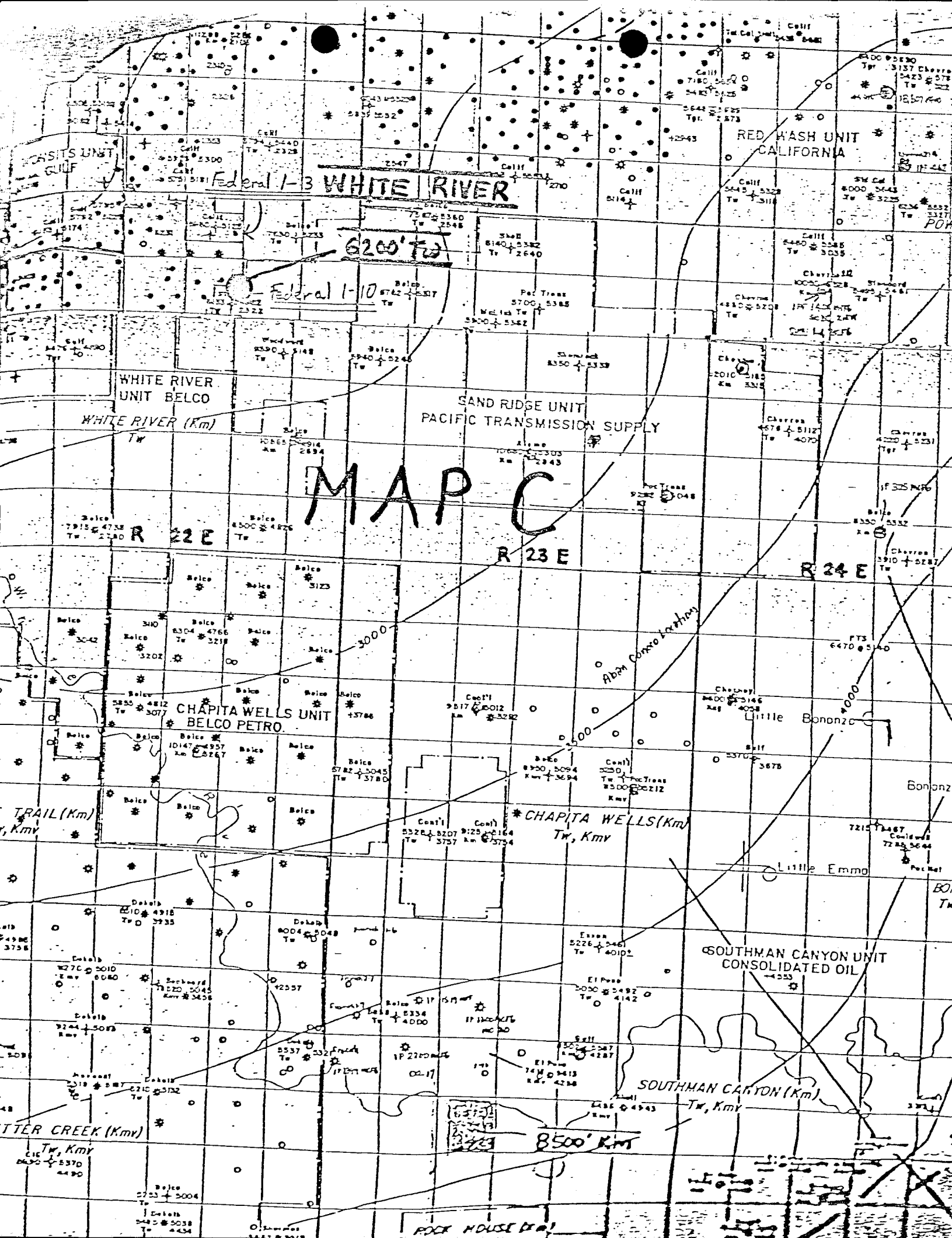
13) CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route. That I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Snyder Oil Company and its contractors and subcontractors in conformity with this plan and terms and conditions with this plan and the terms and conditions under which it is approved.


JOHN S. MCCATHARN

I hereby certify that John S. McCatharn as my agent, has prepared the drilling program, Application for Permit to Drill and supplemental information contained herein. I have reviewed this application and hereby acknowledge that the plans, terms and conditions outlined herein will be performed by Snyder Oil Company.


PAUL GAYER



CONSIST UNIT
GULF

Federal 1-3 WHITE RIVER

RED WASH UNIT
CALIFORNIA

6200' TW

Federal 1-10

WHITE RIVER UNIT BELCO

WHITE RIVER (Km)
TW

SAND RIDGE UNIT
PACIFIC TRANSMISSION SUPPLY

MAP C

R 22 E

R 23 E

R 24 E

CHAPITA WELLS UNIT
BELCO PETRO.

TRAIL (Km)
TW, Kmv

CHAPITA WELLS (Km)
TW, Kmv

SOUTHMAN CANYON UNIT
CONSOLIDATED OIL

SOUTHMAN CANYON (Km)
TW, Kmv

TRITTER CREEK (Kmv)
TW, Kmv

ROCK HOUSE (K)

8500' RMT

SNYDER OIL CO.

FEDERAL #1-10

PROPOSED LOCATION

TOPO.

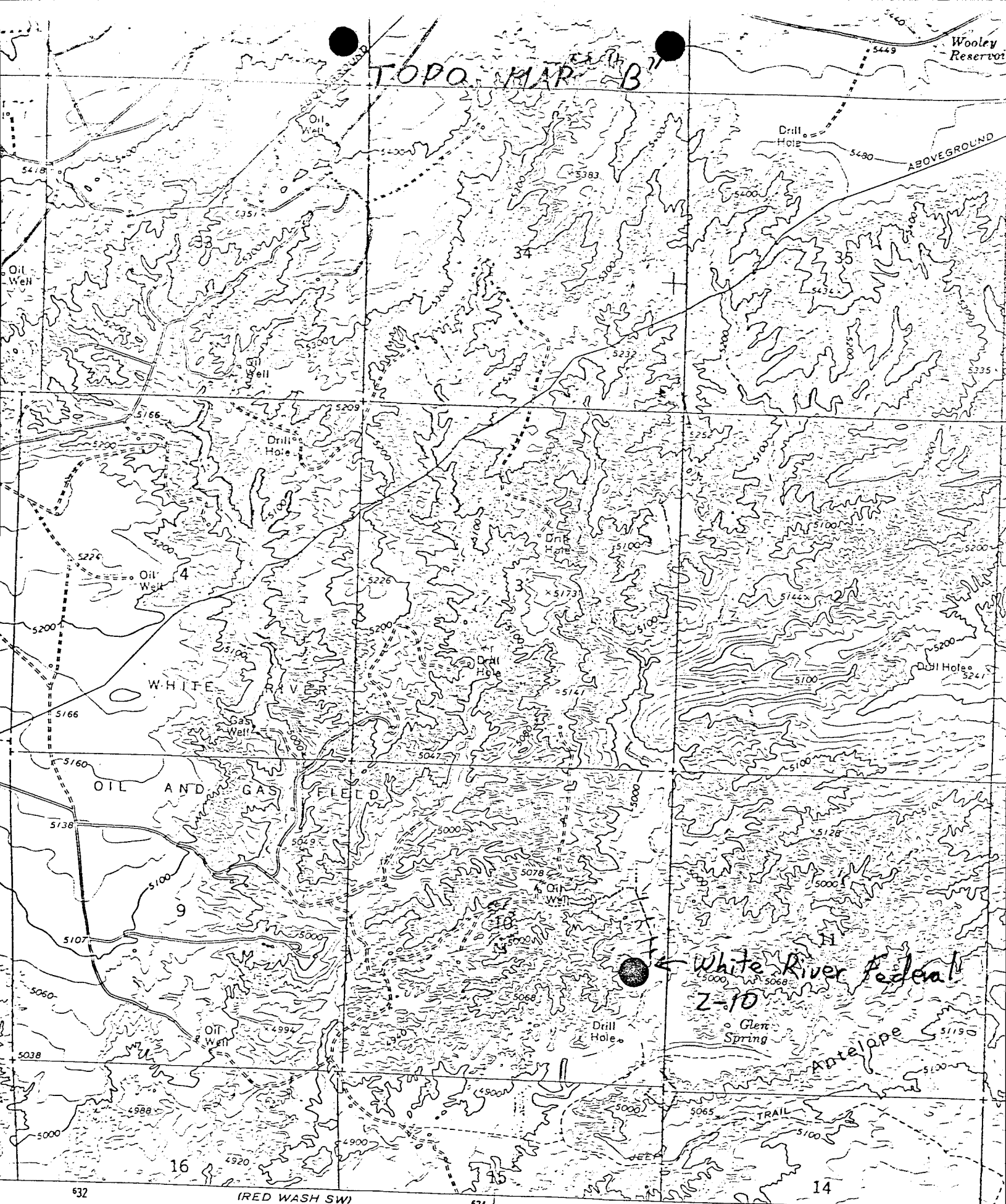
MAP 'A'



SCALE - 1" = 4 MI.

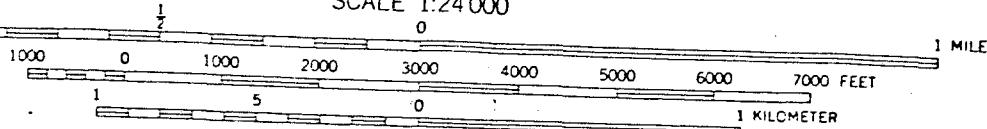


TOPO. MAP "B"

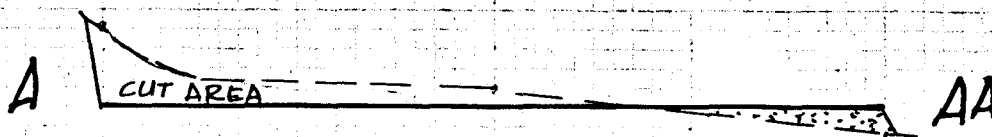


White River Federal
2-10

RED WASH SW
4164 III SW
SCALE 1:24 000



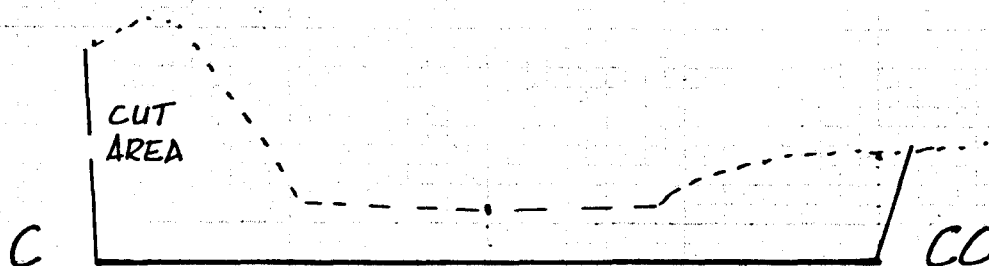
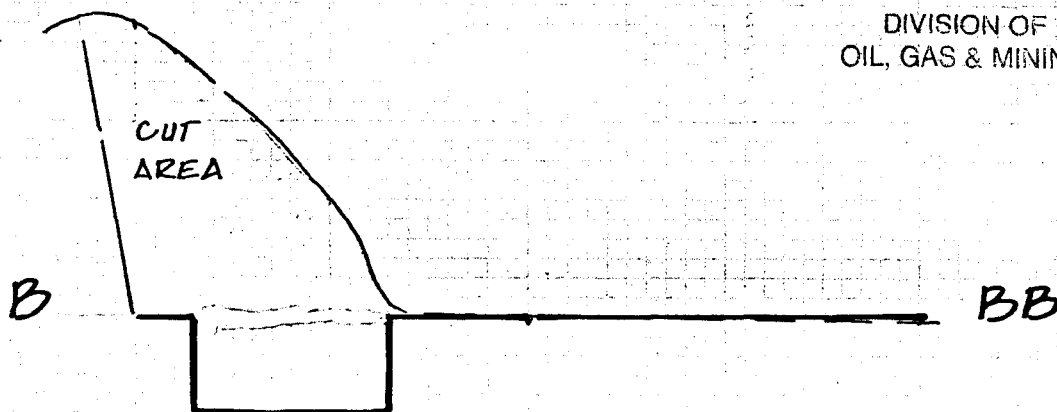
Secondary
hard surface



RECEIVED

JAN 16 1931

DIVISION OF
OIL, GAS & MINING



CROSS-SECTIONS

1" = 50' HORIZ.

1" = 20' VERT.

2-10 WHITE RIVER FEDERAL
SEC. 10, T. 8S., R. 22E.
UINTAH COUNTY, UTAH

**** FILE NOTATIONS ****

DATE: Jan. 20, 1981
OPERATOR: Snyder Oil Company
WELL NO: White River Federal 2-10
Location: Sec. 10 T. 8S R. 22E County: Uintah

File Prepared: ☐

Entered on N.I.D: ☐

Card Indexed: ☐

Completion Sheet: ☐

API Number 43-047-30845

CHECKED BY:

Petroleum Engineer: M. J. Minder 1-27-81

Director: _____

class per C-3 spec.
Administrative Aide: C-3 spacing ok on bndry line; ok on other B/G wells

APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. _____

O.K. Rule C-3 ☒

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site ☐

Lease Designation Fed

Plotted on Map ☒

Approval Letter Written ☒

Hot Line ☒

P.I. ☒

January 29, 1981

Snyder Oil Company
SOCO Plaza-7th Floor,
1800 Glenarm Place
Denver, Colorado 80202

Re: Well No. White River Federal 2-10
Sec. 10, T. 8S, R. 22E
Uintah County, Utah

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer
Office: 533-5771
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (Aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-047-30845.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

Michael T. Minder
Petroleum Engineer

/ko
cc: USGS



SCOTT M. MATHESON
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING

1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

CLEON B. FEIGHT
Director

CHARLES R. HENDERSON
Chairman

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
MAXILIAN A. FARBMAN
EDWARD T. BECK
E. STEELE MCINTYRE

October 13, 1981

Snyder Oil Company
SOCO Plaza 7th Floor
1800 Glenarm Pl.
Denver, CO. 80202

Re: See Attached Sheet

Gentlemen:

In reference to above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan on drilling this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

TERRI REID
CLERK, TYPIST

Enclosure

Well No. Horseshoe Bend Federal 1-26
Sec. 26, T. 6S, R. 21E
Uintah County, Utah

Well No. Baser Draw Federal 2-31
Sec. 31, T. 6S, R. 22E
Uintah County, Utah

Well No. West Walker State 2-32
Sec. 32, T. 6S, R. 22E
Uintah County, Utah

Well No. West Walker State 1-32
Sec. 32, T. 6S, R. 22E
Uintah County, Utah

Well No. West Walker Federal 1-4
Sec. 4, T. 7S, R. 22E
Uintah County, Utah

Well No. Lansdale Federal 1-11
Sec. 11, T. 7S, R. 24E
Uintah County, Utah

Well No. Federal #1-3
Sec. 3, T. 8S, R. 22E
Uintah County, Utah

Well No. White River Federal 2-10
Sec. 10, T. 8S, R. 22E
Uintah County, Utah

Well No. Southman Canyon Federal #1-21
Sec. 21, T. 10S, R. 23E
Uintah County, Utah



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

February 5, 1982

Snyder Oil Company
410 17th Street
Suite 1300
Denver, Colorado 80202

Re: See attached

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

Cari Furse
Clerk Typist

**If we do not hear from your company within fifteen (15) days, we will assume you do not intend to drill these wells, and action will be taken to terminate the application.

Well No. Horseshoe Bend Federal 1-26
Sec. 26, T. 6S, R. 21E
Uintah County, Utah

Well No. Baser Drawer Federal 2-31
Sec. 31, T. 6S, R. 22E
Uintah County, Utah

Well No. West Walker State 2-32
Sec. 32, T. 6S, R. 22E
Uintah County, Utah

Well No. West Walker State 1-32
Sec. 32, T. 6S, R. 23E
Uintah County, Utah

Well No. West Walker Federal 1-4
Sec. 4, T. 7S, R. 22E
Uintah County, Utah

Well No. Lansdale Federal 1-11
Sec. 11, T. 7S, R. 24E
Uintah County, Utah

Well No. Federal 1-3
Sec. 3, T. 8S, R. 22E
Uintah County, Utah

Well No. White River Federal 2-10
Sec. 10, T. 8S, R. 22E
Uintah County, Utah

Well No. Southerner Canyon Federal 1-21
Sec. 21, T. 10S, R. 23E
Uintah County, Utah

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE*
(See instructions on
reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-38415
2. NAME OF OPERATOR Snyder Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR SOCO Plaza - 7th Floor 1800 Glenarm Place, Denver, CO 80202		7. UNIT AGREEMENT NAME Glen Bench
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 513' FEL, 1854' FSL NE SE		8. FARM OR LEASE NAME White River Federal
14. PERMIT NO.		9. WELL NO. 2-10
15. ELEVATIONS (Show whether DF, RT, GR, etc.)		10. FIELD AND POOL, OR WILDCAT Development
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 10 T8S-R22E
		12. COUNTY OR PARISH Uintah
		13. STATE UT

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

There are no plans to drill this well at the present time.

18. I hereby certify that the foregoing is true and correct

SIGNED Robert L. Namken
ROBERT L. NAMKEN

TITLE DIV MGR/Drilg & Prod

DATE 2/17/82

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

May 5, 1982

Snyder Oil Company
SOCO Plaza- 7th Floor
1800 Glenarm Place
Denver, Colorado 80202

Re: Well No. Federal #1-3
Sec. 3, T. 8S, R. 22E.
Uintah County, Utah

Well No. White River Federal #2-10
Sec. 10, T. 8S, R. 22E.
Uintah County, Utah

Gentlemen:

Approval to ~~drill~~ the above mentioned wells, which was granted in our letter of June 23, 1981 & January 29, 1981, is hereby terminated for failure to spud them within ~~a~~ reasonable period of time.

If and when ~~you~~ should decide to drill these wells, it will be necessary for you to again obtain ~~the~~ approval of this Division.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

Cleon B. Feight
Cleon B. Feight
Director

Oil and Gas Operations
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

June 10, 1982

Snyder Oil Company
SOCO Plaza - 7th Floor
1800 Glenarm Place
Denver, Colorado 80202

Re: Rescind Application for Permit
to Drill
Well No. 2-10
Section 10-T8S-R22E
Uintah County, Utah
Lease No. U-38415

Gentlemen:

The Application for Permit to Drill the referenced well was approved on June 1, 1981. Since that date no known activity has transpired at the approved location. Under current District policy, applications for permit to drill are effective for a period of one year. In view of the foregoing this office is rescinding the approval of the referenced application without prejudice. If you intend to drill at this location at a future date, a new application for permit to drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of this well is to be rehabilitated. A schedule for this rehabilitation must then be submitted to this office. Your cooperation in this matter is appreciated.

Sincerely,

E. W. Gynn
District Oil & Gas Supervisor

bcc: SMA
State O&G ✓
State BLM
MMS-Vernal
Well File
APD Control

DH/dh